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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/560,109 Confirmation No.: 3400
First Named Inventor: Sallaway, Peter J. Filing Date: 28 April 2000
Group Art Unit: 2734 Examiner: Tran, K.
Atty. Docket No.: M-5628 US
Title: Detector For A Gigabit Ethernet Receiver
Assignee(s): National Semiconductor Corporation

Mountain View, California
3 December 2003

COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(c) WITH FEE UNDER 37 CFR 1.17(p)

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. A copy of each listed document is enclosed.

U.S. Patent 6,438,163 B1 issued on U.S. patent application 09/161,346 cited on page 20 of the specification of the present application.

Note the disclosure in the paragraph bridging cols. 4 and 5 of U.S. Patent 6,047,104 that signal estimator 430 in AGC circuit 410 of digital pre-equalizer 340 can be implemented as a computational logic block or as a look-up table in a one-dimensional read-only memory.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described herein;
or

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3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is submitted under the provisions of 37 CFR 1.97(c). Please charge the information disclosure statement fee of \$180 as set forth in 37 CFR 1.17(p) to Deposit Account 502641. This paper is being submitted in duplicate.

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Respectfully submitted,



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	NS-5628 US	09/560,109
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Substitute Form PTO 1449	Sallaway, Peter J.	3400
	Filing Date	Group
	28 April 2000	2734

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AH	6,011,813	01/2000	Ghosh	375	233	
	AI	6,047,024	04/2000	How	375	229	
	AA	6,178,198 B1	01/2001	Samueli et al.	375	214	
	AB	6,226,332 B1	05/2001	Agazzi et al.	375	288	
	AC	6,252,904 B1	06/2001	Agazzi et al.	375	233	
	AD	6,253,345 B1	06/2001	Agazzi et al.	714	752	
	AJ	6,385,238 B1	05/2002	Nguyen	375	232	
	AK	6,400,760 B1	06/2002	Gu et al.	375	232	
	AE	6,418,172 B1	07/2002	Raghavan et al.	375	262	
	AF	6,438,163 B1	08/2002	Raghavan et al.	375	233	
	AL	6,542,477 B1	04/2003	Pal et al.	370	286	
	AG	RE37,826 E	09/2002	Samueli et al.	370	402	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.